

Datasheet for ABIN5517238 **anti-PDE1C antibody (C-Term)**



[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	PDE1C
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C-terminal region of Human PDE1C
Sequence:	KSQAEEGASG KAEKKTSGET KNQVNGTRAN KSDNPRGKNS KAEKSSGEQQ
Characteristics:	This is a rabbit polyclonal antibody against PDE1C. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	PDE1C
Alternative Name:	PDE1C (PDE1C Products)
Background:	Cyclic nucleotide phosphodiesterases (PDEs) catalyze hydrolysis of the cyclic nucleotides cAMP and cGMP to the corresponding nucleoside 5-prime-monophosphates. Mammalian PDEs have been classified into several families based on their biochemical properties. Members of the PDE1 family, such as PDE1C, are calmodulin-dependent PDEs (CaM-PDEs) that are

Target Details

stimulated by a calcium-calmodulin complex.

Alias Symbols: PDE1C,

Protein Size: 709

Gene ID: 5137

UniProt: [Q14123](#)

Pathways: [EGFR Signaling Pathway](#), [Neurotrophin Signaling Pathway](#), [Negative Regulation of Hormone Secretion](#), [cAMP Metabolic Process](#), [G-protein mediated Events](#), [Interaction of EGFR with phospholipase C-gamma](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.